Linie completa de electroforeza ??????? Seria ??????

incertitudine electroforeza

Level 1 Lot 14181, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
1	62.2	2.8	9.2	12.4	13.5
2	66.3	2.5	7.5	11.6	12.1
3	63.4	2.2	9.1	12.2	13.1
4	65.3	2.5	8.2	9.8	14.2
5	62.2	2.8	9.2	12.4	13.5
6	66.3	2.5	7.5	11.6	12.1
7	63.4	2.2	9.1	12.2	13.1
8	65.3	2.5	8.2	9.8	14.2
average-Media	**64.3**	**2.5**	**8.5**	**11.5**	**13.2**
SD	1.7088	0.2268	0.7445	1.0954	0.8120
Cv	2.6575	9.0711	8.7589	9.5256	6.1396
UA	**1.7088**	**0.2268**	**0.7445**	**1.0954**	**0.8120**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	55.8-68.2	2.66-3.85	6.68-10.9	9.3-15.2	10.6-17.2
Val tinta	62	3.11	8.79	12.2	13.9
a- limita inf	55.8	2.66	6.7	9.3	10.6
a+limita sup	68.2	3.85	10.9	15.2	17.2
a+-a- Interval	12.4	1.2	4.2	5.9	6.6
Ubref- 12 RECTA	**3.5796**	**0.3435**	**1.2182**	**1.7032**	**1.9053**
suma patrate 2	15.7333	0.1694	2.0383	4.1008	4.2893
UC 2	**3.9665**	**0.4116**	**1.4277**	**2.0251**	**2.0711**
UE 2	**7.9331**	**0.8233**	**2.8554**	**4.0501**	**4.1421**
BIAS%	3.7097	-19.6141	-3.2992	-5.7377	-4.8561

Responsabil Analiza Sef Laborator

incertitudine electroforeza

Linie completa de electroforeza ??????? Seria ??????

Level 2 Lot 14182, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
1	62.2	3.1	8.3	10.8	15.6
2	65.2	2.6	7.8	11.0	13.3
3	65.8	2.4	8.0	9.2	14.6
4	66.6	2.4	7.8	10.2	12.9
5	62.2	3.1	8.3	10.8	15.6
6	65.2	2.6	7.8	11.0	13.3
7	65.8	2.4	8.0	9.2	14.6
8	66.6	2.4	7.8	10.2	12.9
average-Media	**65.0**	**2.6**	**8.0**	**10.3**	**14.1**
SD	1.7784	0.3059	0.2188	0.7483	1.1439
Cv	2.7382	11.6531	2.7431	7.2654	8.1130
UA	**1.7784**	**0.3059**	**0.2188**	**0.7483**	**1.1439**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	57.9-70.8	2.07-3.37	6.13-10	8.05-13.1	10.9-17.7
Val tinta	64.3	2.72	8.06	10.6	14.3
a- limita inf	57.9	2.07	6.1	8.1	10.9
a+limita sup	70.8	3.37	10.0	13.1	17.7
a+-a- Interval	12.9	1.3	3.9	5.1	6.8
Ubref- 12 RECT	**3.7239**	**0.3753**	**1.1172**	**1.4578**	**1.9630**
suma patrate 2	17.0304	0.2344	1.2959	2.6852	5.1619
UC 2	**4.1268**	**0.4842**	**1.1384**	**1.6387**	**2.2720**
UE 2	**8.2536**	**0.9683**	**2.2768**	**3.2773**	**4.5440**
BIAS%	1.0109	-3.4926	-1.0546	-2.8302	-1.3986

Responsabil Analiza Sef Laborator

Linie completa de electroforeza ??????? Seria ??????

dil 1/8 normal (level1)Lot 14181, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
1	82.9	2.5	5.1	5.9	3.7
2	83.0	1.7	4.8	5.7	4.8
3	80.5	2.3	5.6	6.9	4.7
4	81.4	2.5	5.7	5.3	5.1
5	84.3	1.8	4.6	4.0	5.3
6	82.9	2.5	5.1	5.9	3.7
7	83.0	1.7	4.8	5.7	4.8
8	80.5	2.3	5.6	6.9	4.7
average-Medi	**82.3**	**2.2**	**5.2**	**5.8**	**4.6**
SD	1.3622	0.3662	0.4241	0.9219	0.5928
Cv	1.6549	16.9344	8.2141	15.9284	12.8873
UA	**1.3622**	**0.3662**	**0.4241**	**0.9219**	**0.5928**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	55.8-68.2	2.66-3.85	6.68-10.9	9.3-15.2	10.6-17.2
Val tinta	62	3.11	8.79	12.2	13.9
a- limita inf	55.8	2.66	6.7	9.3	10.6
a+limita sup	68.2	3.85	10.9	15.2	17.2
a+-a- Interva	12.4	1.2	4.2	5.9	6.6
Ubref- 12 RE	**3.5796**	**0.3435**	**1.2182**	**1.7032**	**1.9053**
suma patrate	14.6689	0.2521	1.6639	3.7507	3.9814
UC 2	**3.8300**	**0.5021**	**1.2899**	**1.9367**	**1.9954**
UE 2	**7.6600**	**1.0042**	**2.5798**	**3.8733**	**3.9907**
BIAS%	32.7621	-30.4662	-41.2685	-52.5615	-66.9065

Responsabil Analiza Sef Laborator

Linie completa de electroforeza ??????Seria

reproductibilitate electroforeza
Level 1 Lot 14181, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
05.01.2010	65.4	2.9	8.1	10.8	12.8
08.01.2010	66.3	3.5	7.2	11.1	11.9
11.01.2010	65.4	2.7	8.9	9.6	13.4
15.01.2010	63.3	2.5	7.8	12.3	14.1
19.01.2010	62.2	2.8	9.2	12.4	13.5
22.01.2010	66.3	2.5	7.5	11.6	12.1
25.01.2010	63.4	2.2	9.1	12.2	13.1
29.01.2010	65.3	2.5	8.2	9.8	14.2
average-Media	**64.7**	**2.7**	**8.3**	**11.2**	**13.1**
SD	1.5288	0.3891	0.7502	1.1016	0.8434
Cv	2.3629	14.4125	9.0938	9.8140	6.4195
UA	**1.5288**	**0.3891**	**0.7502**	**1.1016**	**0.8434**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	55.8-68.2	2.66-3.85	6.68-10.9	9.3-15.2	10.6-17.2
Val tinta	62	3.11	8.79	12.2	13.9
a- limita inf	55.8	2.66	6.7	9.3	10.6
a+limita sup	68.2	3.85	10.9	15.2	17.2
a+-a- Interval	12.4	1.19	4.22	5.9	6.6
Ubref- 12 REC	**3.5796**	**0.3435**	**1.2182**	**1.7032**	**1.9053**
suma patrate	15.1505	0.2694	2.0469	4.1144	4.3413
UC 2	**3.8924**	**0.5191**	**1.4307**	**2.0284**	**2.0836**
UE 2	**7.7847**	**1.0381**	**2.8614**	**4.0568**	**4.1671**
BIAS%	4.3548	-13.1833	-6.1433	-7.9918	-5.4856

Responsabil Analiza Sef Laborator

reproductibilitate electroforeza

Linie completa de electroforeza ??????Seria

Level 2 Lot 14182, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globulin	β-globuline	γ-globuline
05.01.2010	65.9	2.4	8.1	9.6	13.9
08.01.2010	65.8	2.4	8.0	9.2	14.6
11.01.2010	66.6	2.6	7.5	10.2	12.9
15.01.2010	64.5	2.5	8.5	11.1	13.4
19.01.2010	62.2	3.1	8.3	10.8	15.6
22.01.2010	65.2	2.6	7.8	11.0	13.3
25.01.2010	65.8	2.4	8.0	9.2	14.6
29.01.2010	66.6	2.4	7.8	10.2	12.9
average-Media	**65.3**	**2.6**	**8.0**	**10.2**	**13.9**
SD	1.4390	0.2390	0.3117	0.7708	0.9621
Cv	2.2028	9.3743	3.8960	7.5846	6.9219
UA	**1.4390**	**0.2390**	**0.3117**	**0.7708**	**0.9621**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	57.9-70.8	2.07-3.37	6.13-10	8.05-13.1	10.9-17.7
Val tinta	64.3	2.72	8.06	10.6	14.3
a- limita inf	57.9	2.07	6.1	8.1	10.9
a+limita sup	70.8	3.37	10.0	13.1	17.7
a+-a- interval	12.9	1.3	3.87	5.05	6.8
Ubref- 12 RECTAN	**3.7239**	**0.3753**	**1.1172**	**1.4578**	**1.9630**
suma patrate 2	15.9382	0.1980	1.3452	2.7193	4.7790
UC 2	**3.9923**	**0.4449**	**1.1598**	**1.6490**	**2.1861**
UE 2	**7.9845**	**0.8899**	**2.3197**	**3.2981**	**4.3722**
BIAS%	1.5941	-6.2500	-0.7444	-4.1274	-2.7972
BIAS%	1.594	-6.250	-0.744	-4.127	-2.797

Responsabil Analiza Sef Laborator

SC ????????? SRL
Echipament: Analizor auton

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Proba	**HGB g/dl**	**WBC**x10E9/L	**RBC**x10E12/L	**HCT %**	**MCV** fL	**MCH** pg	**MCHC** g/dl
1	5.7	2.10	2.22	15.9	72.0	25.6	35.8
2	5.9	2.10	2.21	16.0	72.0	26.5	36.7
3	5.7	2.09	2.22	15.7	73.0	24.5	35.6
4	5.9	2.16	2.28	17.1	71.0	26.5	36.5
5	5.7	2.00	2.28	17.1	71.0	25.4	36.4
6	6.1	2.05	2.26	16.9	72.0	25.1	36.3
7	5.9	2.05	2.29	17.2	73.0	25.7	36.1
8	5.7	2.38	2.28	16.9	68.0	26.4	36.4
9	5.8	2.10	2.33	17.5	69.0	26.9	35.9
10	5.7	2.32	2.22	16.7	72	25.2	36.5
average-Media	**5.81**	**2.14**	**2.26**	**16.7**	**71.3**	**25.78**	**36.22**
stdev	0.1370	0.1217	0.0398	0.6164	1.6364	0.7671	0.3553
Cv	2.3586	5.6992	1.7639	3.6913	2.2951	2.9756	0.9809
UA	**0.137**	**0.122**	**0.040**	**0.616**	**1.636**	**0.767**	**0.355**
Incertitudine etalonare							
Ubetal	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Domeniu	5,3-6,1	1,6-2,4	2,11-2,41	13,8-17,8	66-74	23,2-27,2	33-39
Val tinta	5.7	2	2.26	15.8	70	25.2	36
a- limita inf	5.3	1.6	2.11	13.8	66	23.2	33
a+limita sup	6.1	2.4	2.41	17.8	74	27.2	39
a+-a- Interval	**0.8**	**0.8**	**0.3**	**4.0**	**8.0**	**4.0**	**6.0**
UBref	**0.2309**	**0.2309**	**0.0866**	**1.1547**	**2.3094**	**1.1547**	**1.7321**
suma patrate	33.809	4.612	5.111	280.223	5089.023	665.942	1314.888
UC	**5.8146**	**2.1475**	**2.2607**	**16.7399**	**71.3374**	**25.8058**	**36.2614**
UE	**11.6292**	**4.2949**	**4.5213**	**33.4797**	**142.6748**	**51.6117**	**72.5228**
BIAS%	1.9298	6.7500	-0.0442	5.6962	1.8571	2.3016	0.6111

nat de hematologie ????'

PLTx10E9/L	**RDW-%**
73.0	17.4
73.0	13.6
73.0	14.3
79.0	18.2
71.0	12.9
68.0	13.1
73.0	14.3
74.0	18.5
72.0	12.4
72	16.3
72.8	**15.1**
2.7406	2.2988
3.7646	15.2238
2.741	**2.299**
0	**0**
52-92	11,9-17,9
72	14.9
52	11.9
92	17.9
40.0	**6.0**
11.5470	**1.7321**
5433.173	231.010
73.7101	**15.1990**
147.4201	**30.3980**
1.1111	1.3423

SC ????????? SRL
Echipament: Analizor automat de he

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Proba	**HGB** g/dl	**WBC**x10E9/L	**RBC**x10E12/L	**HCT** %	**MCV** fL	**MCH** pg	**MCHC** g/dl	**PLT**x10E9/L
1	13.6	7.80	4.48	38.6	79.0	30.4	35.3	226
2	13.4	7.70	4.49	37.5	84.0	30.6	35.9	229
3	13.4	7.60	4.46	37.5	83.0	30.6	35.8	224
4	13.5	7.60	4.49	37.7	86.0	30.7	35.8	237
5	13.5	7.60	4.51	37.8	85.0	30.6	35.7	248
6	14.7	8.30	4.69	38.2	79.0	30.1	35.1	230
7	13.5	7.60	4.79	38.4	82.0	30.3	35.2	247
8	13.4	7.7	4.72	38.1	81.0	30.1	35.2	237
9	13.5	7.9	4.69	37.8	84.0	30.6	35.8	249
10	13.3	7.6	4.74	37.9	80.0	30	35.1	238
average-Media	**13.58**	**7.74**	**4.606**	**37.95**	**82.3**	**30.4**	**35.49**	**236.5**
stdev	0.4022	0.2221	0.1301	0.3689	2.4967	0.2582	0.3348	9.2286
Cv	2.9618	2.8697	2.8237	0.9722	3.0336	0.8493	0.9434	3.9021
UA	**0.402**	**0.222**	**0.130**	**0.369**	**2.497**	**0.258**	**0.335**	**9.229**
Incertitudine etalonare								
UBet	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Domeniu	13,2-14,2	6,7-8,3	4,45-4,81	35-40	77-85	27.6-31.6	33,5-39,5	210-290
Val tinta	13.7	7.5	4.63	37.5	81	29.6	36.5	250
a- limita inf	13.2	6.7	4.45	35	77	27.6	33.5	210
a+limita sup	14.2	**8.3**	**4.81**	**40**	**85**	**31.6**	**39.5**	**290**
a+-a- Interval	**1.0**	**1.6**	**0.4**	**5.0**	**8.0**	**4.0**	**6.0**	**80.0**
UBRef	**0.2887**	**0.4619**	**0.1039**	**1.4434**	**2.3094**	**1.1547**	**1.7321**	**23.0940**
suma patrate	184.500	60.121	21.226	1442.286	6778.623	925.493	1262.540	56465.583
UC	**13.5831**	**7.7538**	**4.6072**	**37.9774**	**82.3324**	**30.4219**	**35.5322**	**237.6249**
UE	**27.1661**	**15.5075**	**9.2143**	**75.9549**	**164.6648**	**60.8438**	**71.0645**	**475.2498**
BIAS%	-0.8759	3.2000	-0.5184	1.2000	1.6049	2.7027	-2.7671	-5.4000

matologie ?????????

RDW-%	MPV fL
12.1	8.8
12.1	8.7
11.9	8.8
12.1	8.7
12.0	8.8
11.5	8.7
11.9	8.8
11.9	8
11.7	8.8
12.1	8.8
11.93	**8.69**
0.2003	0.2470
1.6788	2.8421
0.200	**0.247**
0	**0**
10,3-16,3	5,9-11,9
13.3	8.9
10.3	5.9
16.3	**11.9**
6.0	**6.0**
1.7321	**1.7321**
145.325	78.516
12.0551	**8.8609**
24.1102	**17.7219**
-10.3008	-2.3596

SC ????????? SRL
Echipament: Analizor aut

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Proba	**HGB g/dl**	**WBC**x10E9/L	**RBC**x10E12/L	**HCT %**	**MCV** fL	**MCH** pg	**MCHC** g/dl
1	17.70	21.40	5.45	50.1	85.0	32.6	35.4
2	17.90	21.80	5.46	50.1	89.0	32.8	35.7
3	17.60	21.10	5.41	49.7	87.0	32.6	35.5
4	17.80	21.20	5.45	50.6	86.0	32.6	35.1
5	17.70	21.30	5.42	50.1	90.0	32.7	35.4
6	17.70	20.90	5.49	50.6	87.0	32.3	35.0
7	18.10	20.10	5.57	51.3	84.0	32.5	35.3
8	17.80	21.90	5.44	50.2	85.0	32.6	35.4
9	18.40	21.50	5.67	51.5	87.0	32.4	35.0
10	17.60	20.80	5.41	49.9	88.0	32.6	35.4
average-Media	**17.83**	**21.20**	**5.48**	**50.4**	**86.8**	**32.6**	**35.3**
stdev	0.2497	0.5228	0.0826	0.5915	1.8738	0.1418	0.2251
Cv	1.4003	2.4661	1.5082	1.1734	2.1588	0.4354	0.6373
UA	**0.2497**	**0.5228**	**0.0826**	**0.5915**	**1.8738**	**0.1418**	**0.2251**
Incertitudine etalonare	0	0	0	0	0	0	0
UBetal	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Domeniu	17.2-18.4	19,1-22,3	5,43-5,83	47-52	83-91	29,6-33,6	33,3-39,3
Val tinta	17.8	20.7	5.63	49	87	31.6	36.3
a- limita inf	17.2	19.1	5.43	47	83	29.6	33.3
a+limita sup	18.4	**22.3**	**5.83**	**52**	**91**	**33.6**	**39.3**
a+-a- Interval	**1.2**	**3.2**	**0.4**	**5.0**	**8.0**	**4.0**	**6.0**
UBref	**0.3464**	**9.1058**	**2.3806**	**21.2332**	**37.1580**	**13.7199**	**16.0474**
suma patrate	318.029	532.355	35.665	2992.015	8914.959	1249.040	1505.020
UC	**17.8334**	**23.0728**	**5.9720**	**54.6993**	**94.4191**	**35.3418**	**38.7946**
UE	**35.6667**	**46.1456**	**11.9440**	**109.3986**	**188.8381**	**70.6835**	**77.5892**
BIAS%	0.1685	2.4155	-2.7176	2.8776	-0.2299	3.0696	-2.6997

:omat de hema

PLTx10E9/L
468.0
469.0
547.0
460.0
472.0
550.0
469.0
475.0
473.0
472.0
485.5
33.4573
6.8913
33.4573
0
0
465-555
510
465
555
90.0
226.6231
287068.285
535.7875
1071.5751
-4.8039

SC ??????
Echipament

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Data	WBC	RBC	HGB	PLT	HCT	MCV
06,04,2010	2.1	2.23	5.7	65	15.9	72
07,04,2010	2.2	2.23	5.7	68	15.9	71
08,04,2010	2.1	2.22	5.7	64	15.8	71
09,04,2010	2.1	2.19	5.6	66	15.6	71
12,04,2010	2.1	2.21	5.6	69	15.8	71
13,04,2010	2.1	2.22	5.7	73.0	15.9	72.0
14,04,2010	2.1	2.20	5.6	64.0	15.8	72.0
15,04,2010	2	2.25	5.8	78	16.1	72
16,04,2010	2	2.2	5.7	70	15.8	72
21,04,2010	2.1	2.21	5.9	73	16	72
average-Media	**2.09**	**2.22**	**5.70**	**69.00**	**15.86**	**71.60**
stdev	0.0568	0.0178	0.0943	4.5947	0.1350	0.5164
Cv	2.7160	0.8016	1.6541	6.6590	0.8511	0.7212
UA	**0.0568**	**0.0178**	**0.0943**	**4.5947**	**0.1350**	**0.5164**
Incertitudine etalonare	0	0	0	0	0	0
stdev	0	0	0	0	0	0
Ubetal	0	0	0	0	0	0
Domeniu	1,6-2,4	2,11-2,41	5,3-6,1	52-92	13,8-17,8	66-74
Val tinta	2	2.26	5.7	72	15.8	70
a- limita inf	1.6	2.11	5.3	52	13.8	66
a+limita sup	2.4	2.41	6.1	92	17.8	74
a+-a- Interval	**0.8**	**0.3**	**0.8**	**40.0**	**4.0**	**8.0**
Ubref- 12 RECT	**0.2309**	**0.0866**	**0.2309**	**11.5470**	**1.1547**	**2.3094**
suma patrate 2	0.0032	0.0003	0.0089	21.1111	0.0182	0.2667
UC 2	**0.0568**	**0.0178**	**0.0943**	**4.5947**	**0.1350**	**0.5164**
UE 2	**0.1135**	**0.0355**	**0.1886**	**9.1894**	**0.2700**	**1.0328**
BIAS%	4.5000	-1.9469	0.0000	-4.1667	0.3797	2.2857

Executant

??? SRL

t: Analizor automat de hematologie ????????? Seria

MCH	MCHC	RDW	MPV
25.7	35.9	13.7	9.3
25.4	35.8	14.1	10
25.7	36.1	14.0	9.5
25.8	36.2	13.8	9.7
25.4	35.5	14	9.9
25.6	35.8	14.3	10.0
25.6	35.7	14.1	9.7
25.7	35.9	14.3	9.6
25.9	36.1	14.2	9.9
26.5	36.7	13.6	9.7
25.73	**35.97**	**14.01**	**9.73**
0.3129	0.3302	0.2424	0.2263
1.2160	0.9179	1.7305	2.3260
0.3129	**0.3302**	**0.2424**	**0.2263**
0	0	0	0
0	0	0	0
0	0	0	0
23,2-27,2	33-39	11,9-17,9	6,9-12,9
25.2	36	14.9	9.9
23.2	33	11.9	5.8
27.2	39	17.9	11.8
4.0	**6.0**	**6.0**	**6.0**
1.1547	**1.7321**	**1.7321**	**1.7321**
0.0979	0.1090	0.0588	0.0512
0.3129	**0.3302**	**0.2424**	**0.2263**
0.6257	**0.6603**	**0.4849**	**0.4526**
2.1032	-0.0833	-5.9732	-1.7172

Sef laborator

SC ????????? SRL

Echipament: Analizor auto

Hematologie Nivel Low (Bas)

Lot ?????? Exp. ????

Data	WBC	RBC	HGB	PLT	HCT	MCV	MCH
06,04,2010	8.1	4.46	13.5	243	37.1	83.0	30.3
07,04,2010	8.1	4.55	13.7	240	37.7	83.0	30.1
08,04,2010	8.1	4.55	13.6	234	37.8	83.0	29.8
09,04,2010	8.1	4.60	13.8	246	38.2	83.0	30.0
12,04,2010	8.2	4.64	13.6	238	38.4	83.0	29.3
13,04,2010	8.0	4.66	13.8	242	38.5	83.0	29.6
14,04,2010	8.0	4.67	13.8	250	38.7	83.0	29.5
15,04,2010	8.2	4.55	13.7	239	37.6	83.0	30.0
16,04,2010	8.2	4.65	13.8	237	38.5	83.0	29.7
21,04,2010	8.0	4.61	13.9	245	38.3	83.0	30.1
average-Media	**8.1**	**4.6**	**13.7**	**241.4**	**38.1**	**83.0**	**29.8**
stdev	0.0816	0.0662	0.1229	4.7656	0.5073	0.0000	0.3134
Cv	1.0080	1.4410	0.8960	1.9742	1.3321	0.0000	1.0503
UA	**0.0816**	**0.0662**	**0.1229**	**4.7656**	**0.5073**	**0.0000**	**0.3134**

mat de hematologie ????????? Seria

MCHC	RDW	MPV
36.5	12.0	8.7
36.3	11.9	8.4
36.0	12.2	8.7
36.1	12.1	8.7
35.4	12.3	8.7
35.7	12.1	8.8
35.6	12.2	8.7
36.3	12.1	8.8
35.9	12.2	8.7
36.2	11.9	8.6
36.0	**12.1**	**8.7**
0.3496	0.1333	0.1135
0.9711	1.1019	1.3079
0.3496	**0.1333**	**0.1135**

SC ????????? SRL
Echipament: Analizor aut

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Data	WBC	RBC	HGB	PLT	HCT	MCV	MCH
06,04,2010	21.6	5.50	17.6	482	49.5	90.0	32.1
07,04,2010	21.6	5.58	17.8	491	50.2	90.0	32.0
08,04,2010	21.6	5.62	17.8	499	50.3	89.0	31.7
09,04,2010	22.1	5.57	17.8	478	50.1	90.0	31.9
12,04,2010	21.7	5.45	17.5	489	49.0	90.0	32.2
13,04,2010	21.8	5.56	17.8	484	50.1	90.0	32.1
14,04,2010	21.4	5.55	17.7	487	49.9	90.0	31.9
15,04,2010	21.9	5.53	17.8	487	49.8	90.0	32.2
16,04,2010	21.9	5.56	17.9	485	50.3	90.0	32.2
average-Media	**21.73**	**5.55**	**17.74**	**486.9**	**49.9**	**89.9**	**32.0**
stdev	0.2121	0.0490	0.1236	5.9465	0.4285	0.3333	0.1732
Cv	0.9761	0.8832	0.6966	1.2213	0.8585	0.3708	0.5407
UA	**0.2121**	**0.0490**	**0.1236**	**5.9465**	**0.4285**	**0.3333**	**0.1732**
Incertitudine etalonare	0	0	0	0	0	0	0
UBetal	0	0	0	0	0	0	0
Domeniu	19,1-22,3	5,43-5,83	17,2-18,4	465-555	47-52	83-91	29,6-33,6
Val tinta	20.7	5.63	17.8	510	49	87	31.6
a- limita inf	19.1	5.43	17.2	465	47	83	29.6
a+limita sup	22.3	5.83	18.4	555	52	91	33.6
a+-a- Interval	**3.2**	**0.4**	**1.2**	**90**	**5.0**	**8**	**4.0**
Ubref- 12 RECTANG	**0.9238**	**0.1155**	**0.3464**	**25.9808**	**1.4434**	**2.3094**	**1.1547**
suma patrate 2	0.0450	0.0024	0.0153	35.3611	0.1836	0.1111	0.0300
UC 2	**0.2121**	**0.0490**	**0.1236**	**5.9465**	**0.4285**	**0.3333**	**0.1732**
UE 2	**0.4243**	**0.0980**	**0.2472**	**11.8930**	**0.8570**	**0.6667**	**0.3464**
BIAS%	4.9919	-1.4802	-0.3121	-4.5316	1.8594	3.3206	1.3713

Executant

tomat de h

MCHC
35.7
35.6
35.5
35.4
35.8
35.6
35.5
35.7
35.6
35.6
0.1225
0.3440
0.1225
0
0
33,3-39,3
36.3
33.3
39.3
6.0
1.7321
0.0150
0.1225
0.2449
-1.9284

Laborator Medical

Ser control: ?????? -N
Biochimie Nivel Normal **Echipament: Analizor automat bio**
Lot ????? Expiră la ?????

Proba	Uree	Calciu	Creatinina	Gamma GT	ALP	Trigliceride	Fe	Acid uric	Glucoza	ALT GPT
1	41.6	8.5	1.1	36.9	176.4	116.4	118.0	5.75	96.53	43.5
2	41.3	8.3	1.11	33.4	178.0	118.3	118.6	5.95	96.15	40
3	40.5	8.7	1.09	36.2	179.5	117.8	118.4	5.99	97.63	39.7
4	39.8	8.5	1.09	34.5	184.3	116.3	117.0	6.15	96.86	42.4
5	40.3	8.3	1.1	36.1	179.2	116.5	119.0	6.25	98.39	42.8
6	41.6	8.2	1.11	33.2	178.3	116.9	119.2	6.35	98.99	43.1
7	41.3	8.4	1.12	36.4	185.0	117.3	120.0	6.25	98.68	43.5
8	41.5	8.6	1.11	34.8	176.4	116.6	118.8	6.35	97.82	43.5
9	41.6	8.5	1.11	36.4	178.6	117.6	120.4	6.33	97.31	42.7
10	41.6	8.3	1.1	36.3	179.0	116.3	121.6	6.35	97.93	43.5
average-Med	**41.11**	**8.43**	**1.104**	**35.42**	**179.47**	**117**	**119.1**	**6.17**	**97.629**	**42.47**
stdev	0.6607	0.1567	0.0097	1.3415	2.9315	0.7102	1.3004	0.2090	0.9280	1.4369
Cv	1.6072	1.8589	0.8751	3.7873	1.6334	0.6070	1.0919	3.3864	0.9506	3.3832
UA	**0.661**	**0.157**	**0.010**	**1.341**	**2.931**	**0.710**	**1.3004**	**0.209**	**0.9280**	**1.437**
Incertitudine etalonare	3.95		0.35						22.4	
UBet	**1.98**	**0**	**0.175**	**0**	**0**	**0**	**0**	**0**	**11.2**	**0**
Domeniu	33,7 - 45,6	7,12 - 9,06	0,82 - 1,18	30,3 - 43,5	135 -195	102 - 141	95 - 137	5,51 - 7,53	75,7 - 102,4	35,8 - 51,5
Val tinta	39.6	8.09	1	36.9	165	121	116	6.52	89	43.7
a- limita inf	33.7	7.12	0.82	30.3	135	102	95	5.51	75.7	35.8
a+limita sup	45.6	9.06	1.18	43.5	195	141	137	7.53	102.4	51.5
a+-a- Interva	**11.9**	**1.9**	**0.4**	**13.2**	**60.0**	**39.0**	**42.0**	**2.0**	**26.7**	**15.7**
UBRef	**3.4352**	**0.5600**	**0.1039**	**3.8105**	**17.3205**	**11.2583**	**12.1244**	**0.5831**	**7.7076**	**4.5322**
suma patrate	1705.734	71.379	1.260	1269.096	32509.481	13815.750	14331.810	38.434	9716.269	1824.242
UC	**41.3005**	**8.4486**	**1.1226**	**35.6244**	**180.3039**	**117.5404**	**119.7155**	**6.1995**	**98.5711**	**42.7111**
UE	**82.6011**	**16.8972**	**2.2452**	**71.2488**	**360.6077**	**235.0808**	**239.4311**	**12.3990**	**197.1423**	**85.4223**
BIAS%	3.8131	4.2027	10.4000	-4.0108	8.7697	-3.3058	2.6724	-5.3374	9.6955	-2.8146

Laborator Medical

Ser control: ?????? -N
Biochimie Nivel Normal **Echipament**
Lot ????? Expiră la ?????

Proba	Uree	Calcium	Creatinina	Gamma GT	ALP	Trigliceride	Fe	Acid uric
1	155.3	12.2	3.87	189.0	434.0	209.7	167.0	10.90
2	154.2	12.3	3.8	189.0	436.0	209.5	181.0	10.00
3	155.2	12.7	3.88	193.0	438.0	208.1	172.0	9.90
4	154.6	12.3	3.81	201.0	440.0	206	176.0	9.60
5	154.3	12.5	3.87	205.0	448.0	207.2	178.0	11.00
6	155.2	12.3	3.82	195.0	452.0	207.4	182.0	10.90
7	155.3	12.7	3.87	196.0	453.0	208.8	184.0	10.00
8	154.1	12.5	3.87	198.0	457.0	205	176.0	10.80
9	154.3	12.3	3.86	196.0	442.0	206.1	174.0	10.90
10	154.2	12.3	3.82	198.0	439.0	200.7	190.0	11.00
average-Med	**154.67**	**12.41**	**3.85**	**196.0**	**443.9**	**205.5**	**178**	**10.5**
stdev	0.5165	0.1792	0.0306	4.9666	7.9924	0.7071	6.5490	0.5518
Cv	0.3339	1.4440	0.7946	2.5340	1.8005	0.3441	3.6792	5.2549
UA	**0.517**	**0.179**	**0.031**	**4.967**	**7.992**	**0.707**	**6.5490**	**0.552**
Incertitudine etalonare	12.4		0.35					
UBetal	**6.2**	**0**	**0.175**	**0**	**0**	**0**	**0**	**0**
Domeniu	135 - 183	11,7 - 14,8	2,78 - 4,00	152 - 218	365 - 525	164 - 226	137 - 197	8,8 - 11,9
Val tinta	159	13.2	3.39	185	445	195	167	10.3
a- limita inf	135	11.7	2.78	152	365	164	137	8.8
a+limita sup	183	14.8	4.00	218	525	226	197	11.9
a+-a- Interva	**48.0**	**3.1**	**1.2**	**66.0**	**160.0**	**62.0**	**60.0**	**3.1**
UBref	**13.8564**	**0.8949**	**0.3522**	**19.0526**	**46.1880**	**17.8979**	**17.3205**	**0.8949**
suma patrate	24153.25	154.81	14.95	38779.00	199180.54	42550.58	31984.00	111.05
UC	**155.4132**	**12.4422**	**3.8670**	**196.9238**	**446.2965**	**206.2779**	**178.8407**	**10.5381**
UE	**310.8263**	**24.8844**	**7.7341**	**393.8477**	**892.5929**	**412.5559**	**357.6814**	**21.0761**
BIAS%	-2.7233	-5.9848	13.4808	5.9459	-0.2472	5.3846	6.5868	1.9417

RSD-Abatere standard relativa=Cv-coeficient de variatie %
RSD=Cv=stdev / Xmed=s / Xmed
RSD%=Cv%=stdev / Xmedx100=s / Xmedx100 %
SQORT-Radical
SUMSQ-suma de patrate
*-puterea 2
AVERAGE-media

Laborator Medical

Ser control: ?????? -N
Biochimie Nivel Normal
Lot ????? Expiră la ?????

Proba	Uree	Calciu	Creatinina	Gamma GT	ALP	Trigliceride	Fe
1	10.40	2.12	0.27	9.22	44.1	29.10	29.5
2	10.30	2.07	0.27	8.35	44.5	29.5	29.6
3	10.12	2.17	0.27	9.05	48.8	29.45	29.6
4	9.90	2.12	0.27	8.62	46.0	29.07	29.2
5	10.07	2.07	0.27	9.02	44.8	29.12	29.7
6	10.40	2.05	0.27	8.30	44.5	29.22	29.8
7	10.30	2.10	0.28	9.10	46.2	29.32	30.0
8	10.30	2.15	0.27	8.70	44.1	29.15	29.7
9	10.50	2.12	0.27	9.10	44.6	29.4	30.1
10	10.70	2.07	0.27	9.07	44.8	29.07	30.4
average-Mec	**10.30**	**2.10**	**0.27**	**8.85**	**45.24**	**29.24**	**29.76**
stdev	0.2274	0.0389	0.0032	0.3345	1.4401	0.1647	0.3373
Cv	2.2077	1.8503	1.1669	3.7784	3.1832	0.5631	1.1334
UA	**0.2274**	**0.039**	**0.0032**	**0.334**	**1.440**	**0.1647**	**0.3373**
Incertitudine etalonare	3.95		0.35				
UBet	**1.975**	**0**	**0.175**	**0**	**0**	**0**	**0**
Domeniu	33,7 - 45,(	7,12 - 9,06	0,82 - 1,18	30,3 - 43,5	135 -195	102 - 141	95 - 137
Val tinta	39.6	8.09	1	36.9	165	121	116
a- limita inf	33.7	7.12	0.82	30.3	135	102	95
a+limita sup	45.6	9.06	1.18	43.5	195	141	137
a+-a- Interva	**11.9**	**1.9**	**0.4**	**13.2**	**60.0**	**39.0**	**42.0**
UBRef	**3.4352**	**0.5600**	**0.1039**	**3.8105**	**17.3205**	**11.2583**	**12.1244**
suma patrate	3.9523	0.0015	0.0306	0.1119	2.0738	0.0271	0.1138
UC	**1.9880**	**0.0389**	**0.1750**	**0.3345**	**1.4401**	**0.1647**	**0.3373**
UE	**3.9761**	**0.0779**	**0.3501**	**0.6690**	**2.8801**	**0.3293**	**0.6746**
BIAS%	-73.9924	-73.9926	-72.9000	-76.0081	-72.5818	-75.8347	-74.3448

Echipament: Analizor automat biochimie ????? seria ?????

Acid uric	Glucoza	ALT GPT	AST GOT	Cholesterol	Magneziu	HDL	LDL
2.25	24.13	10.87	11.5	28.0	0.55	8.68	
2.15	24.03	10.0	11.17	23.5	0.6	7.33	
2.35	24.40	9.92	11.32	23.9	0.6	7.97	
2.40	24.21	10.6	11.2	24.4	0.6	7.70	
2.20	24.59	10.7	11.15	24.5	0.62	8.08	
2.30	24.74	10.7	11.17	27.5	0.57	8.92	
2.35	24.67	10.8	11.17	24.2	0.6	7.70	
2.15	24.45	10.8	11.25	24.7	0.57	9.65	
2.20	24.32	10.6	11.2	24.5	0.6	7.85	
2.25	24.48	10.7	11.15	24.8	0.57		
2.26	**24.4**	**10.57**	**11.23**	**25.0**	**0.59**	**8.2**	
0.0876	0.2323	0.3326	0.1089	1.5033	0.0215	0.7329	
3.8743	0.9521	3.1471	0.9700	6.0133	3.6564	8.9283	
0.088	**0.232**	**0.3326**	**0.1089**	**1.5033**	**0.0215**	**0.7329**	
	22.4				0.15	**0.0**	
0	**11.2**	**0**	**0**	**0**	**0.075**	0.0	
5,51 - 7,53	75,7 - 102,4	35,8 - 51,5	35,5 - 51	84,4 - 114,1	1,97 - 2,51	26,5-35,8	
6.52	89	43.7	43.3	99.2	2.2	31.1	
5.51	75.7	35.8	35.5	84.4	1.97	26.5	
7.53	102.4	51.5	51	114.1	2.51	35.8	
2.0	**26.7**	**15.7**	**15.5**	**29.7**	**0.5**	**9.3**	
0.5831	**7.7076**	**4.5322**	**4.4745**	**8.5737**	**0.1559**	**2.6847**	
0.0077	125.4940	0.1106	0.0119	2.2600	0.0061	0.5372	
0.0876	**11.2024**	**0.3326**	**0.1089**	**1.5033**	**0.0780**	**0.7329**	
0.1751	**22.4048**	**0.6652**	**0.2178**	**3.0067**	**0.1560**	**1.4658**	
-65.3374	-72.5820	-75.8146	-74.0693	-74.7984	-73.2727	-74.7588	

Laborator Medical

Ser control: ?????? -N
Biochimie Nivel Normal **Echipament: Analizor automat biochimie ????? seria ?????**
Lot ????? Expiră la ?????

Data	Uree	CAL	CREAT	TRIG	FIER	UA	Glucoza	TGP	TGO	COL	MG	GGT	ALP	HDL
01.04.2011	48.1	8.8	1.07	119.0	124.5	4.9	99	41.3	43	99.2	2.3	46.0	169.8	34.73
06.04.2011	45.6	8.3	0.89	107.4	112.6	4.4	96	37.7	41	96.1	2.0	40.5	164.8	29.34
08.04.2011	42.6	8.5	0.86	94.4	116.0	4.3	93	36.9	41	90.1	2.1	39.1	151.4	31.88
13.04.2011	44.5	8.3	0.92	105.2	114.1	4.2	93	38.0	41	92.7	2.0	40.3	157.6	30.81
15.04.2011	46.2	8.5	0.79	104.4	114.3	4.3	95	37.2	40	92.7	2.0	41.2	156.7	32.32
20.04.2011	43.9	8.4	0.96	102.9	110.8	5.0	90	41.7	50	107.8	2.3	47.5	156.7	35.68
22.04.2011	44.9	8.8	0.92	105.9	111.1	4.3	95	37.2	43	99.5	2.2	39.8	160.1	30.8
27.04.2011	45.6	8.2	0.98	103.4	120.1	4.3	94	37.1	43	89.1	2.0	42.7	165.7	42.7
29.04.2011	44.1	8	0.87	104.3	114.2	4.3	95	36.8	41	89.3	2.0	44.2	160.7	31.41
average-Media	**45.1**	**8.4**	**0.9**	**105.2**	**115.3**	**4.4**	**94.4**	**38.2**	**42.6**	**95.2**	**2.1**	**42.4**	**160.4**	**33.3**
stdev	1.5725	0.2635	0.0803	6.3481	4.4300	0.2920	2.4552	1.9042	3.0046	6.1703	0.1323	2.9453	5.6148	4.0427
Cv	3.4902	3.1289	8.7469	6.0337	3.8422	6.5705	2.5996	4.9835	7.0605	6.484	6.2994	6.9520	3.501	12.1416
UA	**1.5725**	**0.2635**	**0.0803**	**6.3481**	**4.4300**	**0.2920**	**2.4552**	**1.9042**	**3.0046**	**6.1703**	**0.1323**	**2.9453**	**5.6148**	**4.0427**
Incertitudine etalonare	**7.9**	**0.0**	0.35	**0.0**	**0.0**	**0.0**	**22.4**	**0.0**	**0.0**	**0.0**	**0.21**	**0.0**	**0.0**	**0.0**
UBetal	3.95	0.00	0.175	0.0	0.0	0.0	11.20	0.0	0.0	0.0	0.11	0.0	0.0	0.0
Ucalib.	1.35	0.0209	0.0377	0.617	9.50	0.0325	1.63	0.92	1.08	2.27	0.0176	2.91	4.05	
Ucalib. 1/2	**0.675**	**0.010**	**0.019**	**0.309**	**4.750**	**0.016**	**0.815**	**0.460**	**0.540**	**1.135**	**0.009**	**1.455**	**2.025**	
Domeniu	38,1-51,5	7,28 - 9,26	0,76 - 1,1	92 - 126	91 - 131	3,79 -5,12	80,8- 109,4	34,7- 49,9	35,8 - 51,6	80 - 108,1	1,86 - 2,37	34,8 -50	132 -189	26,5-35,8
Val tinta	44.8	8.27	0.93	109	111	4.45	95.1	42.3	43.7	94.1	2.12	42.4	161	31.1
a- limita inf	38.1	7.28	0.76	92	91	3.79	80.8	34.7	35.8	80	1.86	34.8	132	26.5
a+limita sup	51.5	9.26	1.1	126	131	5.12	109.4	49.9	51.6	108.3	2.37	50	189	35.8
a+-a- interval	**13.4**	**2.0**	**0.3**	**34.0**	**40.0**	**1.3**	**28.6**	**15.2**	**15.8**	**28.3**	**0.5**	**15.2**	**57.0**	**9.3**
Ubref- 12 REC	**3.8682**	**0.5716**	**0.0981**	**9.8150**	**11.5470**	**0.3839**	**8.2561**	**4.3879**	**4.5611**	**8.1695**	**0.1472**	**4.3879**	**16.4545**	**2.6847**
suma patrate 2	18.5309	0.0696	0.0374	40.3938	42.1875	0.0855	132.1320	3.8377	9.3194	39.3607	0.0286	10.7920	35.6267	16.3437
UC 2	**4.3048**	**0.2637**	**0.1935**	**6.3556**	**6.4952**	**0.2925**	**11.4949**	**1.9590**	**3.0528**	**6.2738**	**0.1691**	**3.2851**	**5.9688**	**4.0427**
UE 2	**8.6095**	**0.5275**	**0.3869**	**12.7112**	**12.9904**	**0.5850**	**22.9897**	**3.9180**	**6.1055**	**12.5476**	**0.3382**	**6.5702**	**11.9376**	**8.0855**
BIAS%	0.5704	1.8407	-1.3142	-3.4760	3.8739	-0.1248	-0.6893	-9.6664	-2.6189	1.1335	-0.9434	-0.0786	-0.3796	7.0632

Responsabil Analiza Sef laborator

LDL

Laborator Medical

Ser control: ?????? -N
Biochimie Nivel Normal
Lot ????? Expiră la ?????

Data	Uree	CAL	CREAT	TRIG	FIER	UA	Glucoza
01.04.2011	146.5	12.40	3.77	207.1	222.9	10.4	268
06.04.2011	145.7	12.10	3.76	190.8	219.4	10.6	267
08.04.2011	141.9	12.30	3.33	185.2	221.3	10.3	263
13,04,2011	145.1	12.30	3.8	203.2	220.3	10.6	266
15.04.2011	144.5	12.60	3.37	205.2	246.8	10.6	271
20.04.2011	153.8	12.70	4.42	208.5	245.7	10.0	265
22.04.2011	147.2	12.70	3.61	203.3	248.8	10.4	267
27.04.2011	148	11.80	3.81	207.4	224.8	10.6	264
29.04.2011	147.7	11.70	3.58	205.2	238.9	10.6	262
average-Media	**146.7**	**12.3**	**3.7**	**201.8**	**232.1**	**10.5**	**265.9**
stdev	3.2563	0.3655	0.3191	8.1257	12.6554	0.2068	2.7588
Cv	2.2195	2.9745	8.5867	4.0273	5.4526	1.9782	1.0376
UA	**3.2563**	**0.3655**	**0.3191**	**8.1257**	**12.6554**	**0.2068**	**2.7588**
Incertitudine etalonare	3.95	**0.0**	**0.7**	**0.0**	**0.0**	**0.0**	**44.6**
UBetal	1.98	0.0	0.35	0.0	0.0	0.0	22.3
Domeniu	124 - 168	11,3 - 14,4	3,11 - 4,47	183-253	202-291	8.20-11.20	215-291
Val tinta	146	12.8	3.79	218	247	9.7	253
a- limita inf	124	11.3	3.11	183	202	8.20	215
a+limita sup	168	14.4	4.47	253	291	11.20	291
a+-a- Interval	**44.0**	**3.1**	**1.4**	**70**	**89.0**	**3.0**	**76.0**
Ubref- 12 REC	**12.7017**	**0.8949**	**0.3926**	**20.2073**	**25.6921**	**0.8660**	**21.9393**
suma patrate	14.5042	0.1336	0.2244	66.0275	160.1600	0.0428	504.9011
UC 2	**3.8084**	**0.3655**	**0.4737**	**8.1257**	**12.6554**	**0.2068**	**22.4700**
UE 2	**7.6169**	**0.7311**	**0.9473**	**16.2515**	**25.3109**	**0.4137**	**44.9400**
BIAS%	0.4871	-3.9931	-1.9349	-7.4465	-6.0324	7.7892	5.0944

Responsabil Analiza

Sef laborator

Echipament: Analizor automat biochimie ????? seria ?????

TGP	TGO	COL	MG	GGT	ALP	HDL	LDL
119.8	134	177.6	4.1	195.6	386.9	69.34	
117.3	135	180.2	4.4	181.0	391.4	74.7	
117.0	135	177.2	3.8	184.3	375.6	68.4	
119.5	134	181.1	4.5	193.6	395.8	71.3	
117.0	134	183	3.7	196.3	388.8	70.94	
115.3	133	171.6	3.7	199.9	389.2	69.89	
118.5	136	179.6	4.1	195.1	392.1	73.16	
118.2	137	175.8	4.1	197.1	406.2	73.43	
117.5	134	173.9	4.1	200.3	398.7	70.62	
117.8	**134.7**	**177.8**	**4.1**	**193.7**	**391.6**	**71.3**	
1.3878	1.2247	3.6224	0.2833	6.6666	8.4645	2.0733	
1.1782	0.9095	2.0376	6.9863	3.4419	2.1613	2.9074	
1.3878	**1.2247**	**3.6224**	**0.2833**	**6.6666**	**8.4645**	**2.0733**	
0.0	**0.0**	**0.0**	**0.5**	**0.0**	**0.0**	**0.0**	
0.0	0.0	0.0	0.25	0.0	0.0	0.0	
96-137	111-160	152-205	3,69-4,7	159-229	329-473	61,2-82,8	
116	136	179	4.19	194	401	72	
95	111	152	3.69	159	329	61.20	
137	160	205	4.7	229	473	83	
42.0	**49.0**	**53.0**	**1.0**	**70.0**	**144.0**	**21.6**	
12.1244	**14.1451**	**15.2998**	**0.2916**	**20.2073**	**41.5692**	**6.2354**	
1.9261	1.5000	13.1219	0.1428	44.4436	71.6475	4.2984	
1.3878	**1.2247**	**3.6224**	**0.3779**	**6.6666**	**8.4645**	**2.0733**	
2.7757	**2.4495**	**7.2448**	**0.7557**	**13.3332**	**16.9290**	**4.1465**	
1.5421	-0.9804	-0.6828	-3.2087	-0.1604	-2.3358	-0.9599	

SC ????? SRL

Plasma de control:

Coagulare Nivel Normal

Lot ?????? Expiră la ?????producător TECO Echipament: Coagulometru ????seria ?????

Proba	TQ	INR
1	13.40	0.99
2	13.60	0.97
3	13.60	1.01
4	13.70	0.99
5	13.50	0.98
6	13.40	0.99
7	13.70	1.00
8	13.70	0.99
9	13.40	0.98
10	13.50	0.99
average-Media	**13.55**	**0.99**
stdev	0.1269	0.0110
Cv	0.9367	1.1127
UA	**0.1269**	**0.0110**
Incertitudine etalonare	0	0
UBetal	0	0
Domeniu	12,3-18,9	0,79-1,27
Val tinta	15.2	1.01
a- limita inf	12.3	0.79
a+limita sup	18.9	1.27
a+-a- Interval	**6.6**	**0.5**
Ubref- 12 RECTANG	**1.9053**	**0.1386**
suma patrate 2	3.6461	0.0193
UC 2	**1.9095**	**0.1390**
UE 2	**3.8190**	**0.2780**
Scorul z	-0.5000	-0.0875
BIAS%	-10.8553	-2.0792

SC ????? SRL

Plasma de control:
Coagulare Nivel Normal
Lot ?????? Expiră la ?????producător TECO Echipament: Coagulometru ???? Echipamer

Proba	TQ	INR
1	35.70	2.44
2	35.70	2.44
3	35.40	2.41
4	35.40	2.41
5	35.70	2.44
6	35.30	2.40
7	35.40	2.44
8	35.80	2.41
9	35.70	2.41
10	35.30	2.45
average-Media	**35.54**	**2.43**
stdev	0.1955	0.0184
Cv	0.5501	0.7591
UA	**0.1955**	**0.0184**
Incertitudine etalonare	0	0
UBetal	0	0
Domeniu	27,3-44,6	2,02-3,25
Val tinta	35.4	2.41
a- limita inf	27.3	2.02
a+limita sup	44.6	3.25
a+-a- Interval	**17.3**	**1.2**
Ubref- 12 RECTAN	**4.9941**	**0.3551**
suma patrate 2	24.9791	0.1264
UC 2	**4.9979**	**0.3555**
UE 2	**9.9958**	**0.7111**
Scorul z	0.0162	0.0244
BIAS%	0.3955	0.6224

SC ????? SRL

Plasma de control:

Coagulare Nivel Normal

Lot ?????? Expiră la ?????producător TECO Echipament: Coagulometru ???'

Proba	TQ	INR
1	3.35	0.24
2	3.34	0.24
3	3.34	0.25
4	3.42	0.24
5	3.33	0.24
6	3.35	0.24
7	3.40	0.25
8	3.40	0.24
9	3.34	0.24
10	3.32	0.24
average-Media	**3.36**	**0.24**
stdev	0.0345	0.0042
Cv	1.0260	1.7423
UA	**0.0345**	**0.0042**
Incertitudine etalonare	0	0
UBetal	0	0
Domeniu	12,3-18,9	0,79-1,27
Val tinta	15.2	1.01
a- limita inf	12.3	0.79
a+limita sup	18.9	1.27
a+-a- Interval	**6.6**	**0.5**
Ubref- 12 REC	**1.9053**	**0.1386**
suma patrate	3.6312	0.0192
UC 2	**1.9056**	**0.1386**
UE 2	**3.8111**	**0.2773**
BIAS%	-77.9013	-76.0396

SC ????? SRL

Plasma de control:

Coagulare Nivel Normal

Lot ?????? Expiră la ?????producător TECO Echipament: Coagulometru ????seria ????????

DATA	TIMP QUICK(SEC)	INR
03,01,2011	12.5	0.89
04,01,2011	16.2	1.03
05,01,2011	15.3	0.97
07,01,2011	17.6	0.99
10,01,2011	15.2	1.02
11,01,2011	13.5	1.01
12,01,2011	14.6	0.96
13,01,2011	15.1	0.86
14,01,2011	14.8	1.03
17,01,2011	16.3	0.97
average-Media	**15.1**	**0.97**
SD	1.4379	0.0579
Cv	9.5165	5.9544
UA	**1.4379**	**0.0579**
Incertitudine etalonare	0	0
UBetal	0	0
Domeniu	12,3-18,9	0,79-1,27
Val tinta	15.2	1.01
a- limita inf	12.3	0.79
a+limita sup	18.9	1.27
a+-a- Interval	**6.6**	**0.48**
Ubref- 12 RECTA	**1.9053**	**0.1386**
suma patrate 2	2.0677	0.0034

UC 2	**1.4379**	**0.0579**
UE 2	**2.8759**	**0.1159**
Scorul z	-0.0273	-0.1542
BIAS%	-0.5921	-3.6634

SC ????? SRL

Plasma de control:

Coagulare Nivel Normal

Lot ?????? Expiră la ?????producător TECO Echipament: Coagulometru ????seria ????????

DATA	TIMP QUICK(SEC)	INR
03,01,2011	36.50	2.59
04,01,2011	27.60	2.47
05,01,2011	40.30	2.41
07,01,2011	41.60	3.20
10,01,2011	39.50	3.11
11,01,2011	37.30	2.41
12,01,2011	39.20	2.56
13,01,2011	35.50	2.44
14,01,2011	38.60	2.17
17,01,2011	41.20	3.10
average-Media	**37.73**	**2.6**
SD	4.0683	0.3575
Cv	10.7827	13.5109
UA	**4.0683**	**0.3575**
Incertitudine etalonare	0	0
UBetal	0	0
Domeniu	27,3-44,6	2,02-3,25
Val tinta	35.4	2.41
a- limita inf	27.3	2.02
a+limita sup	44.6	3.25
a+-a- Interval	**17.3**	**1.2**
Ubref- 12 RECTA	**4.9941**	**0.3551**
suma patrate 2	16.5512	0.1278

UC 2	**4.0683**	**0.3575**
UE 2	**8.1366**	**0.7150**
Scorul z	0.2694	0.3837
BIAS%	6.5819	9.7925